

[Document Name]      Abstract

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[Object]            The present invention has for its object to provide method and apparatus for adjusting the impedance of a matching circuit by which the impedance adjustment can be achieved in shorter time while ensuring high precision.

[Means for Solution]      Based on a relationship between cutting-and-removing amounts for partly cutting out the stub 234 of the pattern line 22 and impedances of the matching circuit 2, a cutting-and-removing amount for adjusting the impedance to a target value is determined by simulation or by comparison operation of an impedance measured value with information stored in a database. Then, based on the determined cutting-and-removing amount, the stub of the pattern line is partly cut and removed so that the impedance is adjusted to the target value.

[Selected Figure]      Fig. 4